

**Iowa Department of Natural Resources  
Natural Resource Commission**

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**ITEM**

**17**

**DECISION**

**TOPIC**

Agreement with Iowa State University - Research Studies

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The Commission is requested to approve the attached agreement with Iowa State University for research studies to be conducted through the Cooperative Fish and Wildlife Research Unit in FY2008.

The Department has in place an agreement with multiple parties, including ISU and the Cooperative Fish and Wildlife Research Unit, to coordinate and otherwise enable funding of certain scientific research projects and the provision of technical assistance among the parties. These projects are contemplated by that agreement and will be funded and executed according to the terms of that agreement. Funding for these projects include federal grants and Department funds.

Ken Herring, Administrator  
Conservation and Recreation Division  
June 14, 2007

Attachment: Letter to ISU Acting Director stating agreement terms

June 14, 2007

Joanne Altieri, Director  
Office of Sponsored Programs Administration  
Iowa State University  
1138 Pearson Hall  
Ames, IA 50011-2207

To whom it may concern:

Under the terms of Cooperative Agreement No. 1434-HQ-97-RU-01560, it is the intent of the Conservation and Recreation Division of the Iowa Department of Natural Resources to transfer the following funding amounts to the Iowa Cooperative Fish and Wildlife Research Unit in FY 2008:

Wildlife Component

1) Population Dynamics and Dispersal of Bobcats in Iowa	\$127,915
2) Response of Forest Birds to Changes in Land Use/Land Cover in the Driftless Area of Northeastern Iowa	\$20,193
3) Bird Response To Enhanced Vegetation Diversity In The Spring Run Complex Of Northwestern Iowa <sup>1</sup>	\$7,014
4) The Use of Cattle-Grazing and Fire as Management Tools To Maintain Biodiversity on Grassland Reserves in Southern Iowa	\$98,351
5) A landscape genetics approach to assessing the risk of CWD-infected white-tailed deer dispersing from Wisconsin to Iowa	\$31,173
6) Statistical Support of the Iowa DNR Wildlife Bureau Research Program	\$15,790
7) Bird Response To Enhanced Vegetation Diversity In The Spring Run Complex Of Northwestern Iowa (SWG-funded) <sup>1</sup>	\$155,419
8) Insect survey of aquatic habitats in Iowa	\$2,500
9) Examining changes in vegetation structure through time in a restored tallgrass prairie ecosystem and the implications for avian diversity	\$2,500
10) Effects of managed riparian buffers on native fish communities in central Iowa streams	\$1,800
11) Survey of white-tailed jackrabbit populations on ISU research farms	\$2,495
12) Base Funding	<u>\$20,000</u>
Total Wildlife Component	\$485,150

<sup>1</sup> Pending approval of a grant by the U.S. Fish and Wildlife Service

Fisheries Component

1) Best Management Practices for Aquatic Vegetation in Iowa Lakes	\$40,799
2) Radio-telemetry Investigation of Common Carp in Clear Lake, Iowa	\$11,853

3) Effects of Common Carp and Zebra Mussels on Clear Lake	\$64,500
4) Assessment of Interrelationships Between the Fisheries Community and Limnological Characteristics in Iowa Lakes	\$32,528
5) Effects of Commercial Harvest on Shovelnose Sturgeon	\$30,398
6) Develop a user-friendly interface for Iowa's lake databases – watershed, water quality and fisheries	\$19,000
7) Diagnostic/feasibility restorations studies - Prairie Rose Lake, Lake Darling, Green Valley Lake and Lizard Lake	\$124,706
8) Diagnostic/feasibility restoration studies – Easter Lake	\$82,431
9) Diagnostic/feasibility restoration studies – Upper Gar Lake, Minnewashta, and Lower Gar Lake	\$102,150
10) Methods for assessing the physical, chemical, and biological integrity of Iowa's Non-wadeable rivers	\$63,380
11) Genetic structure and intraspecific phylogeography of the sheepnose mussel.	\$22,828
11) Base Funding	<u>\$20,000</u>
Total Fisheries Component	\$614,573

Sincerely,

Kenneth Herring, Administrator  
Conservation and Recreation Division

KH:ws